

**EIGHTEENTH MEETING
OF THE
DEPARTMENTAL ADVISORY BOARD**

Programme Proposals for the year 2002-2003

Venue: Room No. 229, CIET Building

Date : December 6, 2001

**Department of Educational Measurement and Evaluation
National Council of Educational Research and Training
Sri Aurobindo Marg, New Delhi - 110 016**

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- (ii) Minutes of the Pre-DAB held on Nov. 12, 2001**

1. Minutes of the Departmental Advisory Board Meeting

The Eighteenth Meeting of the Departmental Advisory Board (DAB) of the Department of Educational Measurement and Evaluation (DEME) was held on 6th December 2001 at 9:30 A.M in Room No 229, CIET Building, NCERT, New Delhi. Dr Ved Prakash, Professor and Head, DEME, presided over the meeting.

The Following members of the DAB were in attendance

Prof Ved Prakash	Chairman
Prof Pritam Singh	Member
Prof B K Sharma	Represented Head, DESM
Dr (Mrs) Kamlesh Mittal	Represented Head, DCETA
Dr C G.V Murthy	Represented Head, DERPP
Dr. Nasiruddin Khan	Represented Head, DESSH
Dr. V.P. Singh	Represented Head, DES&DP
Dr (Mrs) Manju Jain	Represented Head, DEE

The following members of the DEME also attended the meeting as special invitees

Prof R.P Gupta, Head PPMED
Prof (Mrs.) Sarla Rajput
Prof Avtar Singh
Prof V K Jain
Dr K P. Garg
Dr A.D Tewari
Dr S K Gupta

Prof. R.G. Mishra, Prof. J.N. Joshi, Prof. R.N. Mehrotra member of the DAB and Dr B.L Pandit special invitee could not attend the meeting.

Prof Ved Prakash, Head, DEME welcomed the members of the DAB and others present in the meeting. He explained the role and functions of the Department. He then highlighted the five year perspective plan prepared in the department signifying the priority areas for the Department. Regarding the programmes of the department, it was mentioned that no program was carried over for the year 2000-2001 and all the programmes proposed for the year 2001-2002 were progressing as per schedule. It is hoped that these shall be completed within the stipulated time frame. Apart from this the

department brought out two publications, namely, Grading in Schools and National Talent Search Scheme: Information Brochure. A third document entitled, 'Using Grades for Admissions in Schools' has been sent for printing. In addition to this, seven entries in the Encyclopedia of Education, which is to be brought out by the Deptt. of Teacher Education of the Council and two entries in the recently published book entitled 'Experiences in School Education' have been contributed by the Department.

After that, the minutes of the 17th Meeting of the DAB were confirmed by the members. It was followed by presentation of the progress of the programmes for year 2001-2002. Subsequently, the chairman invited the members to make general observation on the programmes of the Department, before taking up programmes proposal for the year 2002-2003.

General Observation :

Following general observations were made by the members:

- Concerted efforts for wider publicity of the NTS Scheme may be made through various communication modes
- Programmes may be undertaken to ascertain predictive validity of NTS tests.
- Only academic activities may be reflected in item 10 & 11 of the programme proposal
- Plan and non-Plan budget of the department may be shown separately under the budget allocated and expenditure incurred
- Longitudinal study on the impact of inputs provided by the DEME in the area of examination reforms to Boards of School Education may be undertaken

I. Specific Observations

After the general observations, individual programmes proposed for the year 2002-2003 were taken up one by one for discussion. Programme-wise observation and suggestions are given as under -

1. An Appraisal of National Talent Search Examination 2002

- Recommended

2. A study of Evaluation Practices at Primary Level.

- Recommended with following modifications

Specific objective may be reframed as

- To study the existing evaluation practices at primary stage of schooling across the states both in terms of nature, procedures and quality of evaluation tools.
- To identify evaluation practices which contribute or hinder the increased learning.

3. Achievement Survey at the End of Upper Primary stage.

- Recommended

4. Achievement Survey at the End of First Five Years of Schooling

- Recommended.

5. Development and Implementation of a Scheme of School Based Assessment System.

- The title of the programme may be rewritten as 'Development and Implementation of a Scheme of School Based Assessment System at Primary Stage'

6. Development and Standardisation of Achievement Tests for Classes VII & VIII.

In item no. 13 (a) of the proposal reference of Programme 8.03 may be given.

7. Capacity Building of State Resource Persons in Introduction of Grades in Schools (Two Programmes)

- Recommended.

8. Capacity Building of Paper Setters and Evaluators in Paper Setting/Error Analysis/CCE etc. (Two Programmes).

- Recommended with following changes

Specific objectives (iii) may be rewritten as

To bring about qualitative improvement in school education through improved evaluation practices.

9. Interaction of NTS Awardees with Persons of Eminence.

- Recommended with the observation

The programme duration may be extended for two days

10. Implementation of National Talent Search Scheme

- Recommended

The meeting ended with a vote of thanks to the chair.

Minutes of the DAB meeting were circulated amongst all its members for their comments and observations. Since no comments were received, they might be considered as approved.

ROLE AND FUNCTIONS OF THE DEPARTMENT

The Department of Educational Measurement and Evaluation has been set-up with the following objectives.

- A. Reforms in Examinations with a view to employing them as an inexpensive means of improving the quality of school education.
- B. Identification of Talent at the end of Class X and its nurturance till the end of formal education.

The major functions of the Department are to:

- undertake research in the areas pertaining to educational measurement and evaluation.
- Train resource persons, paper-setters of State Boards of School Education as well as classroom teachers in regard to the concept and techniques of evaluation.
- Develop conceptual material in educational evaluation for the use of teacher-educators, in-service teachers and pre-service trainees
- Prepare evaluation materials such as sample question papers, unit tests, item banks etc. in all school subjects at different levels with a view to developing variety of skills amongst students.
- Design and develop scientific procedures, tools and techniques for assessment of student's potential.
- Provide consultancy to the agencies engaged in the field of testing
- Document and disseminate information on trends and developments in the area of evaluation.
- Conduct periodical Achievement Surveys at different stages of school education.
- Conduct National Talent Search Examination as a special testing programme to identify talent.
- Nurture the identified talent.
- Disburse scholarships to talented students.

3. A RESUME OF ACTIVITIES OF THE DEPARTMENT DURING THE LAST FIVE YEARS

The Department has been engaged in several activities in the area of Measurement and Evaluation, and identification of Talent and its nurturance. The development of innovative approaches to educational evaluation, research and developmental activities directed at examination reforms at all stages of school education, organization of the National Talent Search Examination, constituted some of the major activities of the Department during the last five years. The department has been carrying out its activities in close collaboration with the Departments/Directorates of Education and Boards of School Education of various States and Union Territories.

The Department undertook the following activities directed towards examination reforms and improvement of evaluation practices during the last five years:

- Development of pool of items and other tools for evaluation of learning outcomes related to different curricular areas at school stage.
- Development of schemes of continuous and comprehensive evaluation at primary, upper primary and secondary stage in schools and its dissemination among the State Departments of Education, SCERTs, Boards of Secondary Education and Teacher Training Institutions in States/UTs
- Analysis of question papers of different Boards in different subjects
- Development of language exercises in English at Primary level.
- Analysis of evaluation practices in Chemistry practicals at Senior Secondary Stage
- Coordination, documentation and dissemination of research through Examination Reform Bulletin.
- Development of training package in Educational Evaluation.
- Preparation of a handbook on Continuous and Comprehensive Evaluation (CCE).
- Conduct of Achievement Survey at Primary level
- Conference of Chairpersons of Boards of School Education
- Training Programmes on the use of grades in schools

- The Department organized a number of training programmes of personnel from different Boards which were attended by a large number of participants. These personnel were trained to act as Resource Persons in the respective Boards in developing balanced question papers. In addition to this, the Department provided technical support in the programmes organized by various Boards. Expertise in evaluation is also provided to foreign delegates visiting NCERT for training from time to time.
- **Identification of Talent**

Each year the National Council of Education Research and Training under its National Talent Search Scheme awards 1000 scholarships including 15% for Scheduled Castes and 7½ % for Scheduled Tribes candidates.

The selection for the award under the National Talent Search Scheme is done at two stages. The first stage selection is done by the States/UTs through written examination between October and January every year on the basis of which the stipulated number of candidates are recommended to the NCERT for the second level test. The second level examination is held by the NCERT on as many as 33 centres located in all the States and Union Territories. This examination is invariably conducted on Second Sunday of May every year to select the requisite number of awardees.

4. Progress of the Approved Programmes for the year 2001-2002

Name of the Project	Coordinator(s)	Expenditure as on 1.11.2001 (in Rs.)	Activities undertaken
An Appraisal of the National Talent Search Examination	Dr. V K. Jain	Nil	-Data are being analyzed
A Study of the Construct Validity of the NTS Tests	Dr K P Garg	Nil	-Analysis of data is over. Report writing is in progress
Profiles of NTS Awardees for the Year-2000	Dr Santosh Kumar	Nil	-Data Collected from about 700 awardees. Efforts are being made to receive the remaining data Profile plan is being developed
Development and Standardization of Achievement Tests for Classes VII and VIII	Prof Sarla Rajput	57,510/-	-Three parallel forms of tests in Maths, science, social studies & language have been developed & vetted.
Development of Confidential item Bank in MAT & SAT for NTS Examination	Dr K P Garg	Nil	-Items for MAT and SAT are being collected from item writers. -Workshop for moderation of MAT items is scheduled from Nov.19 to Nov.23, 2001.
Technical/Resource Support to Boards of School Education (Two Programmes)	Dr. B.L. Pandit	1,21,651	-Two programmes-one for Goa Board of Education and another for Mizoram Board have been completed. Another program for Orissa Board has been scheduled for Dec. 26-30, 2001.

S.No.	Name of the Project	Coordinator(s)	Expenditure (in Rs.)	Activities undertaken
7	Conference of Chairpersons of Boards of Secondary and Senior Secondary Education.	Prof. Ved Prakash	2,06,214/-	-A two-day conference was held from Sept.19-20, 2001. Report ready.
8.	Implementation of the National Talent Search Scheme	Prof. Ved Prakash Prof. V.K.Jain	35,89,513	On going
9.	Achievement Survey at the end of first Five Years of Schooling	Prof. Avtar Singh	4,26,875/-	-Tests papers and schedules have been finalized. -Training of State coordinators is over. -Test administration is due in December/Feb., March, 2002.
10.	Development and Implementation of Scheme of School Based Assessment System	Prof. Sarla Rajput	79,544/-	-The scheme of school based evaluation has been developed and implemented w.e.f. 1 st April 2001 in four D.M. Schools attached to the RIEs. -DEME team has completed first round of monitoring and supervision in all four D.M. Schools.

5. Composite Statement of Programmes Proposed for 2002-2003

I Type/Category wise number of Programmes with proposed budget.

Programme	New	On-going	Carried over	Total	Budget Proposed
Research	3	2	-	5	54,65,460/-
Development	-	1	-	1	8,47,000/-
Training	2	-	-	2	8,00,000/-
Extension	1	1	-	2	2,84,75,500/-
Any other	-	-	-	-	-
Total	6	4	-	10	3,55,87,960/-

II (A) Source-wise break-up of the total proposed budget in I

- (i) Estimated Budget from Councils funds. Rs.3,55,59,960/-
- (ii) Specific Grants from MHRD :- Nil
- (iii) Grants received from other agencies like UNICEF etc. Rs. Nil

(B) Budget proposed vis-à-vis utilization thereof during 2001-2002 under Plan programmes.

- (i) Budget asked for 2001-2002 as per PAC agenda
(March 2001) **:Rs. 3,50,26,400/-**
- (ii) Budget allocated by PPMED for 2001-2000 **Plan : Rs.32.00 Lakhs**
Non Plan : Rs. 1.75 Crore
- (iii) Specific grant received from MHRD for 2001-2002 **: NIL**
- (iv) Expenditure incurred on programmes under B (ii) above
(as on 1.11.2001) **Plan :Rs.18,38,557**
Non Plan: Rs. 26,42,750

III Details of Specific Programmes

Programmes for	No. of Programmes	Programmes Codes	Budget Proposed Rs.
North-East Region	2	8.07 & 8.08	4,00,000/-
SC/ST	-	-	-

IV Proposed Supporting Staff (JPF/CA)

JPFs	Total No. of Months	Programme Code
	One for 12 months	8.02
	Two each for 12 months	8.03
	Three each for 12 months	8.04
	One for 6 months	8.06
CA (s)	NIL	

6. SUMMARY STATEMENT OF THE PROGRAMME

Programme Proposals for the Year 2002-2003

Title of the Project	Type of the programme	Name(s) of Coordinator(s)	New or On-going	Budget (in Rs.)	Whether Approved by DAB	Page No
An Appraisal of National Talent Search Examination-2002	Research	Prof V K Jain	New	10,000/-	Approved	14
A Study of Evaluation Practices at Primary Level	Research	Dr Santosh Kumar	New	3,65,000/-	Approved	18
Achievement Survey at the End of Upper Primary Stage	Research	Dr A D Tewari	New	27,50,000/-	Approved	25
Achievement Survey at the End of First Five Years of Schooling	Research	Prof Avtar Singh	On-going	20,00,000/-	Approved	34
Development and Implementation of a Scheme of School Based Assessment System at Primary Stage	Research	Prof Sarla Rajput	On-going	3,40,46 0/-	Approved	40
Development and Standardization of Achievement Tests for Classes VII and VIII	Development	Prof Sarla Rajput	On-going	8,47,000/-	Approved	47
Capacity Building of State Resource Persons in Introduction of Grades in Schools (Two programmes)	Training	Dr A D Tewari	New	4,00,000/-	Approved	53
Capacity Building of Paper Setters and Evaluators in Paper Setting/Error Analysis/CCE etc. (Two Programmes)	Training	Dr B L Pandit	New	4,00,000/-	Approved	58
Interaction of NTS awardees with persons of eminence	Extension	Prof V.K Jain	New	1,61,000/-	Approved	62
Implementation of the National Talent Search Scheme	Extension	Prof Ved Prakash Prof V K. Jain	On-going	2,83,14,500/-	Approved	66

Programme No.8.01

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|----|---|---|
| 1. | Name of the NCERT Constituent/
Department | Department of Educational Measurement
and Evaluation |
| 2. | Title of the Programme: | An Appraisal of National Talent Search
Examination-2002 |
| 3. | (a) Type of the Programme
(Please tick): | -Research ✓
-Development
-Training
-Extension
-Any other (Please specify) |
| | (b) Category of the programme
(Please tick) | New |
| | (c) If the programme is carried
over, mention the present PAC
Code No. | - Not Applicable |
| 4. | Total Duration of the Programme
as phased in Col. 10 (Months) | 8 months |
| | Date on which programme
commenced/to be commenced: | -August, 2002 |
| | Target date of completion: | -March 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant (Please
tick) | -Pre-Primary
-Primary
-Upper Primary
-Secondary ✓
-Sr. Secondary
-Any other (Please specify) |
| | (b) If programme is meant for a
group with special need, (Please
tick) | -Not Applicable |

6. **Beneficiaries (Please tick)**
- Students
 - Teachers
 - Teacher Educators ✓
 - Educational Administrators ✓
 - Any other (Please specify)

7. **Need and justification:**

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

NTS examination is a regular activity of the Department which is geared to identifying potentially bright students at the end of class X. It hardly needs any mention that the quality of the awardees depends upon the quality of instruments which are employed for identification purposes. As of now the selection is made on the basis of a written examination followed by face to face interview. The written examination comprises MAT and SAT each carrying 100 items. In a programme like this it is desirable to assess the quality of the instruments so as to improve upon the quality of future tests. It is with that interest that the present study is proposed to critically examine the quality of the NTSE tests.

8. **(a) Specific Objectives:**

- To study the test and item parameters of both the MAT & SAT used in NTSE.
- To study the influence of gender, area and caste on MAT and SAT
- To study the relative variations of MAT and SAT in the identification process.

(b) Methodology:

(If a research programme, please also indicate sample, research questions, hypotheses and tools)

Research Questions

- Does the performance of candidates differ in MAT and SAT with respect to gender, area and caste.
- Does the performance of candidates in various components of MAT, SAT and interview contribute significantly to total scores?
- Do various components of MAT and SAT contribute significantly to their total score?

Sample and Analysis of Data

- Scores of all the candidates appearing at the national level examination will be analyzed to study the floor effect of both the tests i.e. MAT and SAT.
- Mahalanobis- D^2 will be used to compare group means across gender, area and pertaining to both awardees and non-awardees. Facility value and discrimination index will be worked out. Distracter analysis for each item will also be carried out. Besides, product moment coefficient of correlation between MAT, SAT, interview and total score will also be worked out.

Tools

- Candidates' information cards.
- MAT and SAT to be used in NTSE, 2002.

9.	Collaborating Agencies (if any):	Name of Agency	Nature of Collaboration
	NCERT Constituents	DES&DP	Support for processing of the data at Computer Resource Centre.

Outside Agency

-

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10. Phasing of the Programme with precise information on Activities (including in-house activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S. No.	Activities proposed to be organized	Proposed dates		Estimated Expenditure (in Rupees)
		From	To	
1.	Developing job plan	Aug.2002	Sept. 2002	-
2.	Analysis of the results	Oct. 2002	Nov. 2002	-
3.	Preparation of the report	Dec. 2002	Jan. 2003	-
4.	Finalization of the Report	Feb 2003	Mar. 2003	10,000/-
			Total:	10,000/-

Amount required in the proposed year: Rupees Ten thousand only.

- 11 Details of the each Budget Activity under Item No. 10.
 11.1 Activity No : 10.4
 Title : Finalization of the report
 Proposed Dates : Feb -March 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Contingency for Binding of report	10,000/-	
	Total:	10, 000/-	

12 Expected end-product -Report

- 13 (a) Plans for utilization and dissemination of the end product(s)** The out-come of the study will be shared with item writers and moderators with a view to bringing about qualitative improvement in future tests.

(b) Plans for Evaluation of the outcome

-do-

(c) Plans for follow up/Feedback on utilization of the outcome

Findings of the present study will be used as inputs whilst developing future tests.

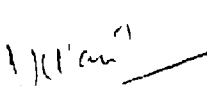
14. Personnel involved

(a) Name and designation of the Programme Coordinator

Dr. V.K. Jain, Professor

(b) Name(s) and designation of other faculty member(s) involved:

-


 Signature
 (Programme Coordinator)


 Signature
 (Head of the Dept/ Instt.)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|----|--|--|
| 1. | Name of the NCERT
Constituent/Department | Department of Educational
Measurement and Evaluation |
| 2. | Title of the Programme | A Study of Evaluation Practices at
Primary Stage Across the States |
| 3. | (a) Type of the Programme
(Please tick) | <ul style="list-style-type: none">- Research ✓- Development- Training- Extension- Any other (Please specify) |
| | (b) Category of the programme
(Please tick) | <ul style="list-style-type: none">- New ✓- On-going- Carried over |
| | (c) If the programme is on-going
or carried over, mention the PAC
Code No. and year of approval | Not Applicable |
| 4. | Total Duration of the Programme
as phased in col.10 (Months) | 15 Months |
| | (a) Date on which programme
commenced/to be commenced | April 2002 |
| | (b) Target date of completion | June 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant (Please
tick) | <ul style="list-style-type: none">- Pre-Primary- Primary ✓- Upper primary- Secondary- Overall School Education- Any other |
| | (b) If programme is meant for a
group with special needs, (Please
tick) | <ul style="list-style-type: none">- Scheduled Caste- Scheduled Tribe- Girl Child- Out-of-School Child- Minorities- Disabled- Any other- |

**(c) If Programme is State/Region/ All States/UTs
Agency specific, please specify the
State/Region/Agency**

6. Beneficiaries (Please tick)

- Students
- Teachers ✓
- Teacher Educators ✓
- Educational Administrators/
Planners, NCERT faculty and
Authorities ✓
- Any other (Please specify)
- School

7. Need and justification

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year.)

India is a land of diversities. These diversities are evident in every walk of life. Education is no exception to this. Even when the broad framework of curriculum is the same all over the country, its implementation including evaluation of students' performance differ from state to state, from institution to institution and even within an institution from teacher to teacher. Student is a very vital component in teaching-learning process which is being carried out in a variety of ways by different teachers in the school system.

There is every possibility that while in some of the states the evaluation practices may be contributing in increased learning, in others it may not be doing so. Those practices which yield better results need to be shared with others. It is, therefore, desirable to study the status of the existing evaluation practices at primary stage across the states so as to capture these practices which contribute to enhanced learning. The present study is an attempt in this direction.

8. (a) Specific Objectives:

- To study the existing evaluation practices at primary stage of schooling across the states both in terms of nature, procedures and quality of evaluation tools
- To identify evaluation practices which contribute/hinder the increased learning.

(b) Research Questions:

- Do evaluation practices at primary stage differ across the states in terms of nature and procedure?
- Which evaluation practices contribute to enhancing students' achievement?

(c) Methodology:

(if a research programme, please also indicate sample, research questions/hypothesis and tools).

The study would be carried out through survey method coupled with case studies in a few selected states.

Survey Method

A draft of Questionnaire, observation schedule and interview schedule for collecting information covering all aspects of evaluation tools, techniques, dissemination and utilization of results will be developed in the department. These tools will be discussed and finalized in a 3-day meeting of expert & coordinators. The tools so developed will be administered all over the States for the purpose of collecting the data

Case Studies in Selected States

For this purpose five states from five regions i.e. north, south, east, west and north-east will be selected randomly. Delhi will also be included as a sixth state in the study. From the selected states, one district from each state, will be selected randomly. From each selected district 6 schools, two each from rural, urban and semi urban, will be taken for case study. The required information would be collected through the states coordinators from the sampled schools through questionnaire, observation schedule, interview schedule and discussion. Sample report card of terminal class of primary stage will also be collected from each sampled school.

Analysis of data

The data collected through the above mentioned methods will be analyzed by using appropriate statistical methods.

(c) Proposed Supporting Staff/(JPF/CA), if any.

<u>Designation</u>	<u>Total No. of months</u>
JPF (s)	One for 12 months
CA (s)	-

9. Collaborating Agencies (if any)

	Name of Agency	Nature of Collaboration
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(a)	NCERT Constituents	-
(b)	Outside Agency	DIET/SCERT Academic

10. Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S.No.	Activities proposed to be organized	Proposed dates From To	Estimated Expenditure (If any)
1	Study of existing Literatures	April – May 2002	
2	Development of tools (in house activity) – appointment of JPF	April-March 2003	53,000/-
3	3-day workshop of experts and state coordinators for finalization of tools	Sept.- 2002	2,00,000/-
4	Collection of data by mail from states/UTs and case study in selected schools	Oct. – Dec. 2002	92,000/-
5.	Analysis of data	Jan.– March 2003	20,000/-
6	Report Writing	April – June 2003	10,000/-
Total Rs.			3,75,000/-
Budget for the year (2002-2003) Rs.			3,65,000/-

(Rupees Three lakh sixty five thousand only)

11 Details of each Budget Activity under item No 10 (in the following format)

11.1 Activity No. . 10.2
Title . Development of Tools & Appointment of JPF
Proposed Dates April 2002-March 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks, if any
1	One JPF for twelve months@ Rs 4400/-	53,000/-	
	Total	53,000/-	

11.2 Activity No. . 10.3
Title : 3 day workshop of experts and state coordinators
for finalization of tools
Proposed Dates : Sept 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks, if any
1.	20 State Coordinators TA @ Rs.8000/- DA @ Rs.230/- for five days (230x5x20)	1,60,000/- 23,000/-	

ii.	5 local experts TA @ Rs.230/- per day (230x5x3)	3,450/-	
	DA @ Rs.230/- per day, for 3 days (230x5x3)	3,450/-	
iii.	Lunch for 30 persons for 3 days @ 60/- per day (60 X 30 X3)	5,400/-	
iv	Tea for 35 persons for 3 days @ 10/- per day (10 X 35 X 3)	1,050/-	
v.	Contingency	3,650/-	
	Total	2,00,000/-	

1.3 Activity No. : 10 4
Title : Collection of data by mail from States/UTs and case study
in selected schools

Proposed Dates: From Oct. – Dec. 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Printing of multiple copies of tools	10,000/-	
2	TA/DA to state coordinators and faculty for collection of data	60,000/-	
3.	Honorarium to state coordinators @ Rs 2000x6	12,000/-	
4.	Contingency	10,000/-	
	Total	92,000/-	

11.4 Activity No. : 10.5
Title : Analysis of data

Proposed Dates: From Jan. – March 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)
1.	Data Entry and Processing of data on Computer	15,000/-
2.	Contingency	5,000
	Total	20,000/-

11.5 Activity No. : 10.6

Title Report Writing

Proposed Dates: From April 2003 - June 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks, if any
1	Preparation and binding of report	10,000/-	
	Total	10,000/-	

12. Expected end-product : -Report ✓
-Book
-Package
-Kit
-Cassette
-Any other (Please specify)

13. (a) Plans for utilization and dissemination of the end product (s)

Adequacies and inadequacies of the prevailing system of evaluation will be documented. The positive aspects which would vitally contribute in the performance of the students will be highlighted and suggested for future interventions. Strategies for their implementation would be worked out and that would subsequently be provided to state authorities.

(b) Plans for Evaluation of the outcome

The report of the study will be circulated among the professionals and field functionaries with a view to soliciting their comments and suggestions.

(c) Plans for follow up/Feedback on utilization of the outcome

The investigator will constantly remain in touch with state authorities to ensure implementation of the proposed interventions .

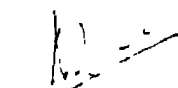
14. Personnel involved

14.1 Name and designation of the Programme Coordinator

Dr. Santosh Kumar

14.2 Name and designation of the Associated Faculty

Dr Ved Prakash, Professor & Head
Dr A D. Tewari, Reader



**Signature
(Programme Coordinator)**



**Signature
(Head of the Deptt./Institute)**

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|----|---|---|
| 1. | Name of the NCERT Constituent/
Department | Department of Educational
Measurement and Evaluation |
| 2. | Title of the Programme: | Achievement Survey at the End of
Upper Primary Stage |
| 3. | (a) Type of the Programme
(Please tick): | -Research ✓
-Development
-Training
-Extension
-Any other (Please specify.... |
| | (a) Category of the programme
(Please tick) | -New ✓
-On-going
-Carried over |
| | (c) If the programme is carried over,
mention the present PAC Code No. | Not Applicable |
| 4. | (a) Total Duration of the Programme
as phased in Col.10 (Months) - | 24 months |
| | (a) Date on which programme
commenced/ to be commenced | April 2002 |
| | (b) Target date of completion | March 2004 |
| 5. | (a) Stage of Education to which the
programme is meant (please tick) | -Pre-Primary
-Primary
-Upper Primary ✓
-Secondary
-Sr.Secondary
-Any other (Please specify) |
| | (b) If programme is meant for a group
with special need, (please tick) | -Scheduled Caste
-Scheduled Tribe
-Girl Child
-Out-of-School Child
-Minorities
-Disabled
-Any other |

(c) If the Programme is State/Region/ All States/UTs
Agency (please specify)

6. **Beneficiaries (Please tick)**
- Students ✓
 - Teachers ✓
 - Teacher Educators ✓
 - Educational Administrators ✓
 - Any other (Please specify)

7. **Need and justification:**

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

Universalization of elementary education has been one of the top priority programmes of the country. Tremendous efforts have been made to achieve it by emphasizing on universal enrolment, universal retention and universal achievement. Despite all this, the analysis of students' results continue to reflect poor performance of students' at various stages. It is, therefore imperative to study students' levels of achievement with a view to identifying hard spots of learning and to overcoming them by way of providing research based interventions. This may be accomplished by undertaking periodic achievement survey in specific curricular areas particularly only at the end of elementary stage. It becomes all the more pertinent in the wake of universalization of elementary education

Somehow conduct of achievement surveys could not be institutionalized in the country. Only sporadic attempts have been made in the past by Kulkarni (1970) in mathematics at secondary stage, and Shukla et. al (1990) in language and mathematics at primary stage. Similar studies have also been undertaken under DPEP in selected states. Currently the department is engaged in conducting the achievement survey at the end of first five years of schooling. As far as elementary stage is concerned, no survey has been conducted so far. Therefore, it is desirable to undertake the exercise of conduct of achievement survey in core subjects at the elementary stage. This need has been highlighted even in the Programme of Action, 1992.

8. **Specific Objectives:**

- To study the achievement level of students of class VII/VIII in language, mathematics, social sciences and science in all the states and UTs.
- To study the differences in achievement in the aforesaid subjects with regard to gender and social groups.
- To study the influence of intervening variables such as home, school and teacher on students' achievement

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

Research Questions

2. Do students' performance at the end of elementary stage in different curricular areas differ across the states?
3. Do students' performance at the end of elementary stage in different curricular areas differ both within and across the states?
4. Do students performance at the end of elementary stage in different curricular areas differ both within and across the state with regard to gender and social groups?
5. Do intervening variables like home, school and teacher at the end of elementary stage influence student performance in different curricular areas in the states?

Sample and Analysis of Data:

The achievement survey will cover all States/UTs of the country. For this 10% of the districts subjected to minimum of four districts will be selected from each state. Each UT will be treated as one district. The districts will be selected at random covering rural, urban and tribal areas. Multistage stratified random sampling technique will be employed for selecting various constituents of the survey. From each selected district a maximum of four rural blocks and three urban areas will be chosen for selecting 50 schools on proportionate basis. A maximum of 30 students of class VII/VIII are to be tested from each sampled school. Schools having less than five children will not be selected for the survey. The testing will be carried out in four curricular areas namely Language, Mathematics, Science and Social Science. In order to study the influence of intervening variables like home, school and teacher, three questionnaires will be administered along with tests. The data so collected will be subjected to t-tests, Analysis of Variance and Mahalanobis D^2 test. The influence of intervening variable will be studied by employing multiple regression analysis method.

Tools

- Achievement tests in science, social science, language and mathematics for classes VII and VIII being developed by the department in different regional languages in the project titled 'Development and Standardization of Achievement test for Classes VII/VIII' during 2001-2002 will be used for the survey.
- Pupil questionnaire, Teacher questionnaire, and School questionnaire are also to be developed in the project.

(c) Proposed Supporting Staff/(JPF/CA) if any

Designation	Total No. of Months
JPF (s) – Two	12 Months
CA (s)	—

9. Collaborating Agencies (if any)

	Name of Agency	Nature of Collaboration
(a) NCERT Constituents	-	-
(b) Out side Agency	SCERTs	- Deputing State Coordinator and subject experts Helping in the conduct of achievement survey (administration of tests)

10. Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S.No	Activities proposed to be organized	Proposed dates		Estimated Expenditure (in Rupees)
		From	To	
1	-Appointment/Nomination of State Coordinators -Development of School, Teacher and Pupil Questionnaires -Procurement of List of Districts & Blocks	April	July 2002	-
2.	Printing of tests and schedules	July -	August 2002	5,00,000/-
3.	Selection of districts, and blocks and schools in the States/UTs and procurement of list of schools with elementary classes in selected blocks of the districts in a State and appointment of two JPF.	Sept. -	Oct. 2002	1,05,600/-
4	- Two three day Orientation meet of State Coordinators - Identification of Field Staff - Despatch of Test materials to State Coordinators	Oct. -	2002-Dec. 2002	4,00,000/-
5.	Orientation of Field Staff by the State Coordinators	Nov. 2002	/Feb. 2003	3,50,000/-

6	Administration of Tests and Scoring of Answer scripts -for winter closing schools -for summer closing schools	Nov. - Dec. 2002 Feb -March 2003	15,00,000/-
7.	Data entry of responses tests/schedules on Magnetic Media	Jan. - July 2003	1,00,000/-
8.	Analysis of the data	Aug.-Nov. 2003	50,000/-
9	Report Writing	Aug. - Dec. 2003	10,000/-
10.	Sharing workshops (Two) Contingency Expenditure for the Project including Honorarium to State Coordinators @ Rs 8000/-, Assisting Staff @ Rs 3000/- & Director, SCERT @ Rs 2000/- for entire period of project	Feb. - March 2004	3,00,000/-
		Total:	37,65,600
	Proposed budget for 2002-2003 Total:		Rs. 27,50,000

Proposed budget for 2002-03. (Twenty Seven Lakhs Fifty Thousand only)

11. Details of the each Budget Activity under Item No. 10

11.1 Activity No : 10.2

Title : Printing of tests and schedules

Proposed Date : July – Aug, 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Printing of four tests in science , social science, mathematics and languages each for classes VII and VIII in different regional languages.	5,00,000/-	Three questionnaires and four tests in Science, social Science, Mathematics and Languages for Classes VII & VIII in different regional languages.
	Total:	5,00,000/-	

11.2 Activity No. .10.3
 Title: :Selection of districts, blocks & Schools in the States/UTs
 Proposed Dates : Sept. 2002-Oct. 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Salary of two JPFs for one year @Rs.4400/-	1,05,600/-	
	Total	1,05,600/-	

11.3 Activity No. : 10 4
 Title : Two 3-day Orientation programmes of State Coordinators
 Proposed Dates Oct. - Nov. 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	<u>Remarks if any</u>
1.	Two 3-day orientation Programmes of State Coordinators (TA/DA & Contingency)	4,00,000/-	One programme each for winter closing & summer closing states
	Total	4,00,000/-	

11.4 Activity No. . 10.5
 Title: . Orientation of Field Staff by State Coordinators
 Proposed Dates: Nov. 2002-Feb. 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	One day Orientation Programme of Field Staff (TA/DA/ Contingency)	3,50,000/-	Programme will be conducted by State Coordinators
	Total	3,50,000/-	

11.5 Activity No.: 10.6

Title: Administration of Tests and Scoring of answer scripts

Proposed Dates: Nov.-Dec.2002 (Winter Closing)

Feb.-March 2003 (Summer Closing)

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Administration of tests and scoring of answer scripts	15,00,000/-	
	Total	15,00,000/-	

11.6 Activity No. : 10.7

Title: Data Entry of Tests on Magnetic Media

Proposed Dates: Jan. - July 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Data Entry of Responses of Tests & Questionnaires on Magnetic Media	1,00,000/-	
	Total	1,00,000/-	

11.7 Activity No. :10.8

Title: Analysis of the Data

Proposed dates: Aug.-Nov.2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Computer analysis of the data	50,000/-	
	Total:	50,000/-	

11.8 Activity No. 10.9
 Title Report Writing
 Proposed Dates Aug - Dec 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	DTP work, Photostat etc.	10,000/-	
	Total:	10,000/-	

11.9 Activity No. :10.10
 Title: :Sharing workshops (Two)
 Proposed Dates:Feb.- March 2004

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	TA/DA of the state resource persons and contingency	3,00,000/-	
	Honorarium to State Coordinator @ Rs 8000/-, Assisting Staff Rs.3000/- & Director SCERT @ Rs 2000	4,50,000/-	
	Total	7,50,000/-	

Total of 11.1 to 11.10 = Rs. 37,65,600 (Rupees thirty seven lakhs sixty five thousand six hundred)

12. Expected end-product

- Report ✓
 - Book
 - Package
 - Kit
 - Cassette
 - Any other (Please specify)
- Standardized question papers for
 Classes VII & VII in Mathematics
 Science, Social Science and
 Languages.

13 (a) Plans for utilization and dissemination of the end product (s)

The findings of the study will be shared with all the states & union territories. Action points will be identified and conveyed to the states/union territories so as to enable them to plan research based interventions.

(b) Plans for Evaluation of the outcome.

(c) Plans for follow up/Feedback on utilization of the outcome.

Future programmes of the department pertaining to learning achievement will be planned in view of the field experiences

14. Personnel involved.

14.1 Name and designation of the Programme Coordinator

Dr. A D Tewari, Reader

14.2 Name and designation of the Associated Faculty.

Dr. Ved Prakash, Professor

Dr. Sarla Rajput, Professor

Dr. Avtar Singh, Professor

Dr. Santosh Kumar, Reader


Signature
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR-2002-2003

- | | | |
|----|---|---|
| 1 | Name of the NCERT Constituent/
Department | Department of Educational
Measurement and Evaluation |
| 2. | Title of the Programme: | Achievement Survey at the End of First
Five Years of Schooling |
| 3 | (a) Type of the Programme
(Please tick): | -Research ✓
-Development
-Training
-Extension
-Any other (Please specify.... |
| | (b) Category of the programme
(Please tick) | -New
-On-going ✓
-Carried over |
| | ©If the programme is carried
over, mention the present PAC
Code No. | Not Applicable |
| 4 | Total Duration of the Programme
as phased in Col. 10 (Months)-
Date on which programme
commenced/to be commenced:
Target date of completion: | 12 Months

April, 2000

March, 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant (Please
tick) | -Pre-Primary
-Primary ✓
-Upper Primary ✓
-Secondary
-Sr. Secondary
-Any other (Please specify)----- |
| | (a) If programme is meant for
a group with special need,
(Please tick) | Scheduled Caste
-Scheduled Tribe
-Girl Child
Out-of-School Child
-Minorities
-Disabled
-Any other |
| | (b) If the programme in
State/Agency specific
please mention | All States/Uts |

Beneficiaries (Please tick)

- Students ✓
- Teachers ✓
- Teacher Educators ✓
- Educational Administrators ✓
- Any other (Please specify)

Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year).

A large number of programmes and schemes have been initiated both by the union and state governments to realize the goal of universalization of primary education in the country. This has led to setting up of a large number of institutions besides laying lots of emphasis on universal enrolment, universal retention and universal achievement. This quantitative expansion seems to have overshadowed the quality education. Though there are a number of factors responsible for quality of education, the most vital one that attracts the attention of one and all is the level of students' attainment. Analyses of students' results continue to reflect low level of achievement. These levels of achievement for any nation are so important that they need to be known periodically to keep a tab on the general health of the education system. Such an exercise warrants the conduct of achievement surveys. In our country somehow such things could not be institutionalized yet.

Sporadic attempts have been made in the primary sector in the recent past by Kulkarni in 1970 in mathematics, by Shukla and et. al in 1990 in language and mathematics. Similar efforts have also been made under DPEP which has been confined to only in selected districts of some selected states. Such exercises ought to be carried out periodically across the nation so that inadequacies of the system could be ascertained and timely corrective measures could be applied. In view of that it will be desirable to undertake the exercise of conduct of achievement survey in foundation subjects at the end of five years of primary schooling. Such a need has also been felt in the fifth survey of research in education as well.

Progress of the Work

During the first phase of the programme in 1999-2000, three parallel forms of achievement tests in language, mathematics and EVS were developed. These tests were subsequently translated and adopted in as many as 16 regional languages. These tests were tried out in 22 States/UTs

During the second phase (2000-2001), the tryout results have been analysed. The items with appropriate difficulty and discrimination indices have been selected to prepare final tests in all Indian languages. Besides, relevant questionnaires and training material for the field staff have also been developed and printed. Tests and questionnaires are to be administered in the months of December, 2001 and February 2002 in all the States and UTs.

2. (a) Specific Objectives:

- To study the achievement level of class V students in language, mathematics and environmental Studies in all the States/UTs.
- To study the differences in achievement in language, mathematics and EVS gender and different social groups
- To study the influence of intervening variables like home, school and teacher on students' achievement across the states.

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools).

Research Questions:

- Do students' achievement in Language, Maths. & EVS differ at the end of five years of schooling across the states?
- Do students' achievement in Language, Maths & EVS differ with regard to gender & different social groups both within and across the states?
- Do students' achievement in Language, Maths & EVS vary with regard to various intervening variables like school, home, teacher etc. across the nation?

Sample and Analysis of Data:

The achievement survey will cover all States/UTs of the country. For this 10% of the districts subjected to minimum of four districts will be selected from each state. Each UT treated as one district. The districts will be selected at random covering rural, urban and tribal areas. Multistage stratified random sampling technique has been employed for selecting various constituents of the survey. From each selected districts a maximum of four rural blocks and three urban areas have been chosen for selecting 50 schools on proportionate basis. A maximum of 30 students of class V are to be tested from each sampled school. Schools having less than five children will not be selected for the survey. The testing will be carried out in three curricular areas namely Language, Mathematics and Environmental studies. In order to study the influence of intervening variables like home, school and teacher, three questionnaires will be administered along with tests. The data so collected will be subjected to t-tests, Analysis of Variance and Mahalanobis D^2 test. The influence of intervening variable will be studied by employing multiple regression analysis method.

Tools:

- Achievement Tests in Language, Maths. & EVS (Class V)
- School Questionnaire
- Teacher Questionnaire
- Pupil Questionnaire

(c) Proposed Supporting Staff(JPF/CA), if any.

<u>Designation</u>	<u>Total No. of Months</u>
JPF (s)	3 for 12 months
CA (s)	Nil

1. Collaborating Agencies (if any)	Name of Agency	Nature of Collaboration
(a) NCERT Constituents	-	-
(b) Outside Agency	SCERTs/SIEs	Academic & Administrative

10. Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S.No.	Activities proposed to be organized	<u>Proposed dates</u>		Estimated Expenditure (in Rupees)
		From	To	
1.	Data Entry of the students responses, analysis,etc Salary for 3 JPF for 12 months @ Rs. 4400/-	April-July 2002		10,00,000/-
		April 2002-March 2003		1,58,000/-
2.	Report writing and printing of Report	August-December 2002		60,000/-
3.	Sharing Workshop(Four) Honorarium to State Coordinator @ Rs.4000/- + Assisting staff @ Rs.2500/- and Director SCERTs @ Rs.4000/-for 35 States/UTs	January-March 2003		4,14,500/-
		(For the entire duration of the period April 2000 to March 2003)		3,67,500/-
		Total		20,00,000/-

Total Proposed Budget 2002-03: Rupees Twenty Lakhs only

11. Details of the each Budget Activity under Item No. 10 (in the following format)

11.1 Activity No : 10 1
 Title : Data Entry and Analysis
 Proposed Dates : April –July 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks
1.	Data Entry of the responses and Analysis etc	10,00,000/-	
2	Salary for 3 JPF for 12 months @ Rs 4400/-	1,58,000/-	
	Total	11,58,000/-	

11.2 Activity No : 10.2
 Title: Report Writing and its Printing
 Proposed dates: August-December 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks
1.	Report writing and printing of report	60,000/-	

11.3 Activity No.: 10.3
 Title : Sharing workshops with States and UTs.(Four)
 Proposed dates. Jan-March 2003

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks
1	TA/DA to 40 persons in each workshop & Contingency expanses	4,14,500/-	
2.	Honorarium to State Coordinator @Rs.4000/- + Assisting staff @Rs.2500/- and Director SCERTs @Rs.4000/- for 35 States UTs	3,67,500/-	
	Total	7,82,000/-	

Total of 11.1+11.2+11.3=20,00,000/- (Rupees Twenty Lakhs only)

12. Expected end-product :

- Report ✓
- Book
- Package
- Kit
- Cassette
- Any other (Please specify)

13. (a) Plans for utilization and dissemination of the end product (s)

Findings of the achievement survey will be shared with the individual states. Action points will be culled out and conveyed to the states with a view to designing & implementing research based interventions

(b) Plans for Evaluation of the outcome

Comments and suggestions of states/UT's will be examined for future interventions

(c) Plans for follow up/Feedback on utilization of the outcome

The Department will collaborate with the individual states and provide academic assistance so as to ensure that the research based interventions planned by the states contribute in enhancing students' achievement.

14. Personnel involved

14.1 Name and designation of the Programme Coordinator

Dr Avtar Singh
Professor

14.2 Name and designation of the Associated Faculty

Dr Ved Prakash, Professor & Head
Dr Sarla Rajput, Professor
Dr V K. Jain, Professor
Dr S.K S. Gautam, Reader
Dr A.D. Tewari, Reader
Dr. Santosh Kumar, Reader

Signature 
(Programme Coordinator)

Signature 
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR-2002-2003

- | | | |
|----|---|--|
| 1. | Name of the NCERT Constituent/
Department | Department of Educational
Measurement and Evaluation |
| 2. | Title of the Programme: | Development and Implementation of
a Scheme of School based
Assessment System at Primary Stage |
| 3. | (a) Type of the Programme
(Please tick): | -Research ✓
-Development ✓
-Training
-Extension
-Any other (Please specify....) |
| | (b) Category of the programme
(Please tick) | -New
-On-going ✓
-Carried over |
| | ©If the programme is carried over,
mention the present PAC Code No. | Not Applicable |
| 4. | (a) Total Duration of the Programme
as phased in Col.10 (Months) - | 36 Months |
| | (a) Date on which programme
commenced/ to be commenced | April 2000 |
| | (10) Target date of completion | March 2003 |
| 5. | (a) Stage of Education to which the
programme is meant (please tick) | -Pre-Primary
-Primary ✓
-Upper Primary
-Secondary
-Sr.Secondary
-Any other (Please specify) |

(b) If programme is meant for a group with special need, (please tick)

- Scheduled Caste
- Scheduled Tribe
- Girl Child
- Out-of-School Child
- Minorities
- Disabled
- Any other

(c) If the programme is State/Region/Agency, (please specify)

6. **Beneficiaries (Please tick)**

- All States/UTs
- Students
- Teachers
- Teacher Educators
- Educational Administrators
- Any other (please specify)

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

Assessment of learners at primary stage suffers from a number of inadequacies. It takes into account only the scholastic area of pupil growth and that too in a very truncated manner. It does not focus at all the development of co-scholastic attributes which are equally essential for total personality development. It is precisely for this reason that time and again emphasis has been laid in ensuring the element of comprehensiveness in students' evaluation which eventually warrants continuity. Though efforts were made during the past three decades to implement the scheme of CCE in different States, it however, could not yield desired results for a variety of reasons. Having regard to various significant facets of the CCE, it is desirable to translate and operationalize it in the prevailing circumstances. An attempt therefore, could be made to operationalize the scheme in DMPHSS where the proposed scheme could be tried out for the purpose of ascertaining its practicability and sustainability.

Progress of the Programme

The programme is progressing as per schedule. Three major activities were held during 2000-2001. The first major activity under the programme was to develop the scheme of school based system of assessment which was completed in time. It was followed by the second major activity related to vetting and finalization of the scheme. The scheme was finalized and the schools were asked to prepare calendar of activities, time table and progress report card to be used at the time of try out of the scheme commencing from April 2001. The third major activity was the orientation programme of the primary teachers of D.M. Schools in the use of the scheme. This programme was held in the last week of March 2001 as per schedule.

The next phase of the programme relates to try out of the scheme in all the D.M. Schools in April 2001. Subsequently the coordinators from different RIEs supervised the overall implementation of the scheme in close collaboration of the DEME team. The try out of the scheme will be in operation till March 2002 when the final exams will be over.

8. Specific Objectives:

- To develop a workable framework of the scheme of school-based assessment system for primary stage.
- To ensure continuous monitoring of students' performance
- To ensure comprehensibility in terms of assessment of both scholastic and non-scholastic areas
- To enhance the quality of students' achievement through diagnosis and remediation.

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

In the final phase that would commence from April 2002, coordinator of the programme from each RIE will develop a comprehensive report of the implementation of the scheme. Based on these reports the National report will be developed which will be exchanged with the coordinators and in-charge primary section, primary teachers of DMS and in a national level sharing workshop. Inputs to be received during the workshop will be taken into account whilst developing a proto-type for the government schools. The scheme so developed will be given the final shape in consultation with the coordinators, Directors of primary education from the state system and professionals working in the area of primary education.

Sample:

The subjects of the study will comprise both students and teachers of all the four DM schools attached to the RIEs.

Research Questions

The study will answer the following questions:

- Does the scheme help in developing and promoting both scholastic and co-scholastic attributes?
- Does the scheme ensure continuous assessment of students' performance?
- Does the scheme enhance the quality of students' achievement through diagnosis and remediation?

Tools

- Scheme of school-based assessment system
- Supervision schedule,
- Teacher schedule
- School record schedule

(c) Proposed Supporting Staff/(JPF/CA), if any

<u>Designation</u>	<u>Total No. of Months</u>
JPF(s)	N.A.
CA (s)	

9. Collaborating Agencies (if any)

	<u>Name of Agency</u>	<u>Nature of Collaboration</u>
(a) NCERT Constituents	RIEs and DM Schools	Academic
(b) Out side Agency	Directorate of Primary education of the states	Academic

10. Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S.No	Activities proposed to be organized	Proposed dates		Estimated Expenditure
		From	To	
1	Report Writing by Coordinators at RIE	April	July 2002	10,000/-
2.	Sharing Workshop of Coordinators, Incharge Primary Sections of D M Schools	Aug	2002	75,640/-
3.	Raising of the national report	Sept.-	Dec 2002	-
4	Modification of the scheme on the basis of experiences of the workshop	Jan.-	Feb 2003	2,44,820/-
5	Finalization of the scheme and the national report	Feb -	March. 2003	10,000/-
		Total:		3,40,460/--

Total budget for the year 2002-2003: (Rupees three lakhs, forty thousand and four hundred and sixty only)

11. Details of the each Budget Activity under Item No. 10 (in the following format)

11.1 Activity No. : 10.1

Title : Report Writing by Coordinators

Proposed Dates: From April 2002 to Oct. 2002

S.No.	Item of Expenditure	Estimated Expenditure(Rs.)	Remarks if any
1	Preparation of report at RIE Level	10,000/-	
	Total	10,000/-	

11.2 Activity No. 10 2

Title Sharing Workshop of Coordinators, Incharge

Primary sections of DM Schools

Proposed Dates . From July 2002 to Aug 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	TA for 12 participants	62,000/-	
2	DA for 12 Participants for 3 days	12,000/-	
3	Lunch for 18 @ Rs.60/- per persons per day	1,100/-	
4	Contingency for tea etc	5,40/-	
	Total:	75,640/-	

11.3 Activity No . 10.4
 Title Modification of the Scheme
 Proposed Date : From July 2002 to Sept 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	Coordinators from RIEs (04) Directors from Directorate of Primary Education in states & UTs (20) Experts in the area of primary Education (04) and Teachers in Govt Primary Schools TA non local (20x10x10,000) TA Local 4x3x230 DA non local 230x20x5 DA Local 4x3x230 W Lunch for 30 person @Rs. 66/- per day for 3 days 30 Tea @ Rs. 10 per day per person for 3 days Contingency	 2,00,000/- 2760/- 23000/- 2760/- 5400/- 900/- 10,000/-	
Total: Rs. 2,44,820/-			

11.4 Activity No. 105
 Title Finalization of the Scheme and National Report
 Proposed Dates From Feb. 2003 to March 2003.

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Contingency for Printing and binding of report etc	10,000/-	
Total: 10,000/-			

Total 11.1+11.2+11.3+11.4 =3,40,460/-
 (Total Proposed Budget 2002-03: Three lakh forty thousand four hundred sixty only)

12. Expected end-product

- Report ✓
- Book
- Package
- Kit
- Cassette
- Any other (please specify)

13. (a) Plans for utilization and dissemination of the end product (s)

The final scheme that will be evolved after due consultation with various stakeholders will be disseminated across the states for its use

(b) Plans for Evaluation of the outcome.

The scheme will be reviewed after a year of its implementation. Inadequacies, if any, will be overcome.

(c) Plans for follow up/Feedback on utilization of the outcome.

The Department will remain constantly in touch with the states and from time to time the scheme will be updated in view of the pre-eminence of contextuality.

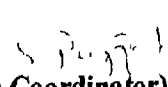
14. Personnel involved.

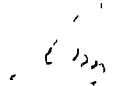
14.1 Name and designation of the Programme Coordinator

Dr. Sarla Rajput, Professor

14.2 Name and designation of the Associated Faculty.

Prof. Ved Prakash, Head
Dr. A. D. Tewari, Reader
Dr. Santosh Kumar, Reader

Signature 
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR-2002-2003

- | | | |
|----|---|--|
| 1. | Name of the NCERT Constituent/
Department | Department of Educational
Measurement and Evaluation |
| 2. | Title of the Programme: | Development and Standardization of
Achievement Tests for Classes VII
and VIII |
| 3. | (a) Type of the Programme
(Please tick): | -Research
-Development ✓
-Training
-Extension
-Any other (Please specify.. |
| | (c) Category of the programme
(Please tick) | -New
-On-going ✓
-Carried over |
| | ©If the programme is carried over,
mention the present PAC Code No. | Not Applicable |
| 4. | (a) Total Duration of the Programme
as phased in Col.10 (Months) - | 6 Months |
| | (a) Date on which programme
commenced/ to be commenced | April 2001 |
| | 3. Target date of completion | September 2002 |
| 5. | (a) Stage of Education to which the
programme is meant (please tick) | -Pre-Primary
-Primary
-Upper Primary ✓
-Secondary
-Sr.Secondary
-Any other (Please specify) |

- (b) If programme is meant for a group with special need, (please tick)
- Scheduled Caste
 - Scheduled Tribe
 - Girl Child
 - Out-of-School Child
 - Minorities
 - Disabled
 - Any other

(c) If the Programme is State/Region/ Agency (please specify) All States/Uts

5. Beneficiaries (Please tick)
- Students ✓
 - Teachers ✓
 - Teacher Educators ✓
 - Educational Administrators ✓
 - Any other (Please specify)

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

Universalization of elementary education has always been a priority programme in the country. A lot of efforts have been made to achieve it by emphasizing on universal enrolment, universal retention and universal achievement. In the past 50 years sufficient progress has been made in two out of three areas. However, the area of universal achievement continues to be in a pathetic condition. Analysis of students' continue to reflect abysmally poor performance. Performance standards can't be raised unless we keep monitoring them periodically and design research based interventions to overcome the existing inadequacies. This warrants institutionalization of periodic achievement surveys and for that we need to develop and standardize achievement tests in different curricular areas at the end of upper primary stage. The present study is, therefore, designed to develop and standardize achievement tests in language, maths, science & social sciences at the end of classes VII and VIII.

Progress of the Programme

During the previous calendar year the core competencies in each curricular areas were identified by analyzing the syllabi of all the States and Uts. The competencies so identified were used as a base to raise three parallel tests in each subject area for both classes VII and VIII.

8. Specific Objectives:

- To finalize two sets of parallel tests in language, mathematics, social science and science for classes VII, VIII.

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

The project proposes to score and analyze the data for finalizing at best two sets of test in each subject based on accepted facility value & discrimination indices. At the end a brief report of the programme will be raised.

The proposed tests will be tried out in the month of March 2002. The data so collected will be subjected to test and item analysis for the purpose of computing various test & item parameters. These parameters will be used whilst finalizing two parallel forms of tests in each subject area

(c) Proposed Supporting Staff/(JPF/CA) if any

Designation	Total No. of Months
JPF (s) one	6 Months
CA (s)	

9. Collaborating Agencies (if any)

	Name of Agency	Nature of Collaboration
(a) NCERT Constituents	-	-
(b) Out side Agency	SCERT's	- Academic-cum-administrative

10. Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S.No.	Activities proposed to be organized	Proposed dates		Estimated Expenditure (in Rupees)
		From	To	
1	- Computerization, Data Processing and Analysis for finalization of tests in all subjects.	April	May 2002	1,50,000/-
	- JPF (one) for six months @ of Rs 4400/-	April	September, 2002	27,000/-
2.	Finalization of Tests in two workshops with 60 participants each	June	July 2002	5,30,000/-

3.	Final typing on computer (D.T.P.) of the tests in different regional languages	Aug -Sept. 2002	1,20,000/-
4	Report Writing etc.	Oct.-Nov. 2002	20,000/-
		Total:	8,47,000/-

Proposed budget for 2002-2003 . Rupees Eight lakh & forty seven thousand only

11. Details of the each Budget Activity under Item No. 10 (in the following format)

11.1 Activity No. 10 1

Title : Computerisation, data processing and analysis of data etc

Proposed dates: April – May 2002

S.No.	Item of Expenditure	Estimated Expenditure(Rs.)	Remarks if any
1	Computerization data processing and analysis of data and contingency	1 50,000/-	
2	One JPF for 6 months @ Rs. 4400/-	2700/-	
	Total:	1,77,000/-	

11 2 Activity No : 10.2

Title : Finalization of tests in two workshops of five days each

Proposed Dates: From June-July 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	TA/DA & Contingency for finalization of tests in two workshops with 60 participants	5,30,000/-	
	Total	5,30,000/-	

11.3 Activity No : 10.3
 Title Final Typing of tests on computer (D.T.P. in regional language)
 Proposed Date : Aug. - Sept 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Final Computer Typing of tests in regional languages and contingency etc	1,20,000/-	
	Total	1, 20,000/-	

11.4 Activity No. : 10.4
 Title . Report Writing
 Proposed Dates Oct-Nov , 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	<u>Remarks if any</u>
1	Contingency for printing, binding & report etc.	20,000/-	
	Total.	20,000/-	

Total of 11.1 to 11.4 =Rs. 8,47,000/-

12. Expected end-product :
 - Report ✓
 -Book
 -Package
 -Kit
 -Cassette
 Finalized Achievement Tests for Classes VII/VIII in Mathematics, Science, social Science and Languages in different languages.

13. (a) Plans for utilization and dissemination of the end product (s)

The tests developed in this programme will be utilized for the conduct of nation-wide Achievement Survey at the end of upper Primary Stage as proposed in Programme 8.03

(b) Plans for Evaluation of the outcome.

The reliability of the proposed tests would be re-established during the actual conduct of the survey. Tests will be employed for the conduct of periodic achievement surveys in the country.

(c) Plans for follow up/Feedback on utilization of the outcome.

Planning of Interventions for the improvement of achievement of the students at upper primary level on the basis of the findings of achievement survey through training programmes

14. Personnel involved.

14.1 Name and designation of the Programme Coordinator

Dr. Sarla Rajput, Professor

14.2 Name and designation of the Associated Faculty.

Prof. Ved Prakash, Head
Dr A D. Tewari, Reader
Dr Santosh Kumar, Reader

Signature
Programme Coordinator

Signature
Head of the Department

Programme No. 8.07

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|----|---|--|
| 1. | Name of the NCERT Constituent/
Department | Department of Educational Measurement
and Evaluation |
| 2. | Title of the Programme | Capacity Building of State Resource Persons in
Introduction of Grades in Schools
(Two programmes) |
| 3. | (a) Type of the Programme
(Please tick): | <ul style="list-style-type: none">- Research- Development- Training ✓- Extension- Any other (Please specify) |
| | (b) Category of the programme
(Please tick) | <ul style="list-style-type: none">- New ✓- On-going- Carried Over |
| | (c) If the programme is carried
over, mention the present PAC
Code No. | Not Applicable |
| 4. | Total Duration of the Programme
as phased in Col. 10 (Months) | 12 Months |
| | Date on which programme
commenced/to be commenced: | April, 2002 |
| | Target date of completion | March, 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant (Please
tick) | <ul style="list-style-type: none">- Pre-Primary- Primary- Upper Primary- Secondary- Overall School Education ✓- Any other |
| | (b) If programme is meant for a
group with special need, (Please
tick) | <ul style="list-style-type: none">- Scheduled Caste- Scheduled Tribe- Girl Child- Out-of-School Child- Minorities- Disabled- Any other |

(c) If Programme is State/Region Agency specific, please Specify the State/Region/Agency	One training programme for Noth-Eastern Sector
---	---

6. **Beneficiaries (Please tick)**
- Students ✓
 - Teachers ✓
 - Teacher Educators ✓
 - Educational Administrators/Planners ✓
 - NCERT faculty and Authority
 - Any other (please specify)

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

The National Policy on Education (1986 revised in 1992) and the National Curriculum Framework for School Education (2000) have made significant recommendations regarding educational evaluation at school stage. One of the significant recommendations is regarding introduction of grades in schools. Most of the teachers, teacher educators and educational administrators are not well aware of grades and grading system. Besides this, parents and community too have many doubts and apprehensions about grading. It is, therefore, extremely essential to create awareness amongst all stakeholders about the grading system. It is expected that this would create a favourable climate for bringing about desirable reforms by organizing programmes exclusively on introduction and use of grades. The department proposes to organize two such programmes with the intent of developing a team of key resource persons across the states. The prospective participants will be drawn from amongst teachers, teacher educators, paper setters and Board officials.

8. (a) Specific Objectives:

- To create awareness about the merits of grading and its relevance in school education.
- To train state resource persons in the use of different methods of grading in examinations
- To explain the use of grades in admissions.

(b) **Methodology:**

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

Training material will be developed through an in house activity. Two training programmes of four-day duration will be organized for the resource persons working in different state agencies i.e. SIEs, SCERTs, Education Boards, etc. They will be exposed to all the facets of grading including different methods of grading in examinations and use of grades in admissions.

(c) **Proposed Supporting Staff/(JPF/CA), if any.**

<u>Designation</u>	<u>Total No. of Months</u>
JPF(s)	N.A
CA(s)	N.A

9.	Collaborating Agencies (if any)	Name of Agency	Nature of Collaboration
(a)	NCERT Constituents		
(b)	Outside Agency	State agencies concerned with School Education	Academic

10. **Phasing of the Programme with precise information on Activities (including in-house-activities involving expenditure or otherwise clearly indicating the methodology to be followed)**

S. No.	Activities proposed to be organized	Proposed dates From to	Estimated Expenditure (in Rupees)
1	Development of Training Material	April – July 2002	
2	Two Meetings of four day duration of State Resource Persons (35 in each Meeting)	July – Dec. 2002	4,00,000/-
Total :			4,00,000/-

Amount required in the proposed year Rupees four lakh only.

11. Details of the each Budget Activity under Item No. 10.

11.1 Activity No : 10.2
Title : Two Meetings of four day duration of State
Resource Persons
Proposed Dates : July – Dec. 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1.	TA & DA to 70 State Resource Persons & contingency	4,00,000/-	
Total 4,00,000/-			

12.Expected end-product -

- Reports ✓
- Book
- Package
- Kit
- Cassette
- Any Other (Please specify)

13. (a)Plans for utilization and dissemination of the end product(s)

- Report of the training programme will be brought out and disseminated amongst the key resource persons.
- The expertise of the trained resource persons will be available in the state for multiplier effect.

(b)Plans for evaluation of the outcome

Comments/suggestions of the participants and resource persons will be collected, analysed, and utilized for improvement of both training package and future training programmes.

(c)Plans for follow up/feedback on utilization of the outcome

Follow up measures will be taken up by the department so as to ensure that proper climate for the implementation of grades is built up in the country.

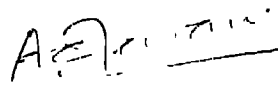
14. Personnel involved

14.1 Name and designation of the Programme Coordinator

Dr. A.D. Tewari, Reader

14.2 Name and Designation of the Associated Faculty

Dr Ved Prakash, Professor & Head
Dr (Mrs) Sarla Rajput, Professor
Dr Avtar Singh, Professor
Dr B.I. Pandit Reader
Dr Santosh Kumar, Reader


Signature
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

1. **Name of the NCERT Constituent/ Department** Department of Educational Measurement and Evaluation
2. **Title of the Programme:** Capacity Building of Paper Setters and Evaluators in Paper Setting/Error Analysis/CCE etc.
(Two programmes)
3. **(a) Type of the Programme (Please tick):**
- Research
 - Development
 - Training ✓
 - Extension
 - Any other (Please specify)
- (b) Category of the programme (Please tick)**
- New ✓
 - On-going
 - Carried Over
- (c) If the programme is carried over, mention the present PAC Code No.** Not Applicable
4. **Total Duration of the Programme as phased in Col. 10 (Months)** 12 Months
- Date on which programme commenced/to be commenced:** April, 2002
- Target date of completion:** March, 2003
5. **(a) Stage of Education to which the Programme is meant (Please tick)**
- Pre-Primary
 - Primary
 - Upper Primary
 - Secondary & Sr. Secondary ✓
 - Overall School Education ✓
 - Any other
- (b) If programme is meant for a group with special need, (Please tick)**
- Scheduled Caste
 - Scheduled Tribe
 - Girl Child
 - Out-of-School Child
 - Minorities
 - Disabled
 - Any other

**(c) If Programme is State/Region
Agency specific, (please
Specify the State/
Region/Agency)**

(One Programme for North-Eastern States)

6. Beneficiaries (Please tick)

- Students ✓
- Teachers ✓
- Teacher Educators ✓
- Educational Administrators/Planners ✓
- NCERT faculty and Authority ✓
- Any other (please specify)

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

One of the most important functions of the department is to bring about qualitative improvement in examinations. Boards of school education are entrusted with the responsibility of conducting public examinations. These boards have always been looking up to the NCERT for both academic & financial support in all matters pertaining to examination reforms. In order to achieve this objective, the department plans to organize two workshops covering different aspects of educational evaluation for the teachers and paper setters of boards of school education as per their needs.

8. (a) Specific Objectives:

- (i) To assist Boards of School Education in introducing reforms in public examinations
- (ii) To train paper setters and evaluators in Educational Evaluation
- (iii) To bring about qualitative improvement in school education through improved evaluation practices

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

Training material pertaining to educational evaluation, paper setting, error analyses, CCE will be developed through an in house activity. This material will be utilized in proposed programmes. Two programmes will be organized for the Boards on first-come first-served basis.

(c) **Proposed Supporting Staff/(JPF/CA), if any.**

<u>Designation</u>	<u>Total No. of Months</u>
JPF(s)	N A.
CA(s)	N A.

9. **Collaborating Agencies (if any)**
- | Name of Agency | Nature of Collaboration |
|------------------------|----------------------------------|
| (a) NCERT Constituents | - |
| (b) Outside Agency | State Boards of School Education |
| | Academic & Financial |

- 10 Phasing of the Programme with precise information on Activities (including in-house activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S. No.	Activities proposed to be organized	Proposed dates From to	Estimated Expenditure (in Rupees)
1.	2	3.	4.
1	Development of training material	April – June 2002	
2	Organization of two workshops	July Dec. 2002	4,00,000/-
Total:			4,00,000/-

Total proposed budget for 2002-03 : (Rupees Four Lakh only)

- 11 Details of the each Budget Activity under Item No 10

- 11.1 Activity No : 10.2
 Title : Workshops (2)
 Proposed Dates : April-December 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	TA/DA etc to 80 participants & Resource persons	4,00,000/-	
Total:		4,00,000/-	

12. **Expected end-product**
- Report ✓
 - Book
 - Package
 - Kit
 - Cassette
 - Any Other (Please specify)

13. **(a) Plans for utilization and dissemination of the end product(s)**

- Report of the training programme will be brought out and disseminated amongst the key resource persons.

(b) Plans for Evaluation of the outcome

Comments/suggestions of the participants and resource persons will be collected and analysed for further improvement of both training package and future programmes.

(c) Plans for follow up/feedback on utilization of the outcome

Follow up measures will be taken up by the department so as to ensure that the services of the training personnel are appropriately utilized not only in setting the question papers but also in creating a pool of key resource persons

14. **Personnel involved**

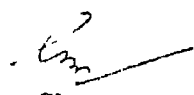
14.1 **Name and designation of the Programme Coordinator**

Dr. B L Pandit, Reader

14.2 **Name and Designation of the Associated Faculty**

1. Dr Ved Prakash, Professor & Head
2. Dr (Mrs) Sarla Rajput, Professor
3. Dr. Avtar Singh, Professor
4. Dr. A D. Tewari, Reader
5. Dr Santosh Kumar, Reader


Signature
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|----|---|---|
| 1. | Name of the NCERT
Constituent/Department | Department of Educational Measurement
and Evaluation |
| 2. | Title of the Programme: | Interaction of NIS awardees with persons of
eminence |
| 3. | (a) Type of the Programme | -Research
-Development
-Training
-Extension ✓
-Any other (Please specify) |
| | (b) Category of the programme | -New ✓
-On-going
-Carried Over |
| | (c) If the programme is carried
over, mention
the present PAC Code No. | Not Applicable |
| 4. | Total duration of the
Programme as phased in Col. 10
(Months) | One Year |
| | (a) Date on which programme
commenced/to be commenced: | April 2002 |
| | (b) Target date of completion: | March 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant | -Pre-Primary
-Primary
-Upper Primary
-Secondary ✓
-Overall School Education
-Any other |
| | (b) If programme is meant for a
group with special need, | -Scheduled Caste
-Scheduled Tribe
-Girl Child
-Out-of-School Child
-Minorities
-Disabled
-Any other |

(c) If Programme is State/Region
Agency specific, (please specify the
State/Region/Agency

Southern Region

6. Beneficiaries

- Students ✓
- Teachers
- Teacher Educators
- Educational Administrators/Planners.
- NCERT faculty and Authorities
- Any other (Please specify)
- School

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

Soon after its inception the NCERT embarked on the scheme of identification and nurturance of talent in the country since then the scheme has traversed a long distance. Currently, the Council is awarding 1000 scholarships each year at the end of grade ten under its scheme which is more popularly known as National Talent Search (NTS) scheme. This scheme has got two important aspects. The first one is the identification of talent which is being carried out through a two tier selection process. The second aspect is the nurturance of the talent which as of today is limited only to providing financial assistance to the awardees in the form of scholarships and book grant. It may be pertinent to mention here that in the past the department used to organize both summer camps and attachment programme for its awardees. These programmes had to be closed down because of the non-participation of the awardees owing to their compulsion regarding studies. This scenario has not changed yet. In view of the existing conditions it is realized that some such programmes may be conceived wherein the awardees are given an opportunity to interact with the persons of eminence for a day or so. Having regard to this the present programme is proposed.

8. (a) Specific Objectives:

- To enable the awardees to interact with persons of eminence
- To motivate and inspire the awardees for achieving excellence in their chosen fields by way of interacting with persons of eminence

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

In order to provide exposure to these awardees, two persons of eminence will be invited to interact with the awardees. The awardees will be given an opportunity to interact with them. To begin with, a programme of two-day duration for plus two awardees hailing from southern states will be organized at RIE Mysore.

(c) Proposed Supporting Staff/(JPF/CA), if any.

Designation

Total No. of Months

JPF (s)

N.A.

CA (s)

N.A.

9. **Collaborating Agencies (if any):** **Name of Agency** **Nature of Collaboration**

NCERT Constituents RIE, Mysore Administrative Support

Outside Agency

-

-

10. **Phasing of the Programme with precise information on Activities (including in-house activities involving expenditure or otherwise clearly indicating the methodology to be followed)**

S. No.	Activities proposed to be organized	Proposed dates From To	Estimated Expenditure (in Rupees)
1	Correspondence with Persons of Eminence and the Awardees	April - September 2002	
2	Two-day Meet with Persons of Eminence	September 2002	1,61,000/-
Total			1,61,000/-

Budget Estimate for the year 2002-2003: Rs One lakh, sixty one thousand only

11 **Details of the each Budget Activity under Item No. 10 (in the following format)**

11.1 Activity No : 10.2

Title : Two-day Meet with Persons of Eminence

Proposed Dates : September, 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Honorarium to 2 Experts (a) Rs.1000/- per day	4,000/-	
2	TA to 2 Experts and 2 faculty members	50,000/-	
3	DA including Lodging of 2 Experts and Lunch/Dinner/ High Tea/Coffee for 6 persons	30,000/-	

4.	TA to 100 Awardees @ Rs 500/-	50,000/-	
5	DA including Lunch/Dinner/Tea to Awardees @ Rs 110/-	22,000/-	
6.	Contingency	5,000/-	
	Total	1,61,000/-	

Total Budget for 2002-2003. Rs One lakh sixty one s thousand only

12. Expected end-product

A group of about 100 NTS awardees will be enlightened and will stand benefited by the scholarships of the persons of eminence

13. (a) Plans for utilization and dissemination of the end product (s)

Talk of the persons of eminence and awardees interactions with them will be recorded, documented and disseminated to all awardees.

(b) Plans for Evaluation of the outcome.

Comments will be solicited from the awardees about the programme.

(c) Plans for follow up/Feedback on utilization of the outcome.

Programmes for other regions will be mounted with necessary modification, if required, in the light of the experiences of present programmes.

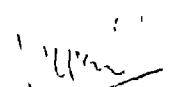
14. Personnel involved

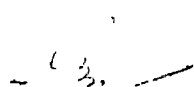
14.1 Name and designation of the Programme Coordinator

Dr V K Jain, Professor

14.2 Name (s) and designation of other faculty member (s) involved:

Professor Ved Prakash, Head of the Deptt.


Signature
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

PROFORMA FOR PROGRAMME PROPOSALS FOR THE YEAR 2002-2003

- | | | |
|-----|---|---|
| 1. | Name of the NCERT
Constituent/Department | Department of Educational Measurement
and Evaluation |
| 2. | Title of the Programme: | Implementation of the National Talent
Search Scheme |
| s3. | (a) Type of the Programme | -Research
-Development
-Training
-Extension ✓
-Any other (Please specify) |
| | (b) Category of the programme | -New
-On-going ✓
-Carried Over |
| | (c) If the programme is carried
over, mention
the present PAC Code No. | Not Applicable |
| 4. | Total duration of the
Programme as phased in Col. 10
(Months) | One Year |
| | (a) Date on which programme
commenced/to be commenced: | April 2002 |
| | (b) Target date of completion: | March 2003 |
| 5. | (a) Stage of Education to which
the Programme is meant | -Pre-Primary
-Primary
-Upper Primary
-Secondary ✓
-Overall School Education
-Any other |
| | (b) If programme is meant for a
group with special need, | -Scheduled Caste
-Scheduled Tribe
-Girl Child
-Out-of-School Child
-Minorities
-Disabled
-Any other |

(c) If Programme is State/Region
Agency specific, (please specify the
State/Region/Agency

National

6. Beneficiaries

- Students ✓
- Teachers
- Teacher Educators
- Educational Administrators/Planners.
- NCERT faculty and Authorities
- Any other (Please specify)
- School

7. Need and justification:

(If an on-going/carried over programme, please also state briefly the progress achieved and the work likely to be completed by the end of the current financial year)

Identification of talent is of paramount importance. In order to encourage the talent available at the school stage, it is necessary to identify the talent and to nurture it. For this purpose, the NCERT has taken upon itself the responsibility of identifying as many as 1000 brilliant students at the end of class X every year through a rigorous selection process. Subsequent to their identification, they are given financial assistance in terms of scholarship and contingency grants until they complete their education. It means that the awardees continue to receive the financial assistance up to Ph.D level in basic & social sciences and up to second-degree level in professional courses. This is one of the most prestigious programmes of the Council, which is on since 1963

9. (a) Specific Objectives:

- To identify the talent from amongst Class X students
- To nurture the talent by way of providing financial assistance to them in terms of monthly scholarship and annual contingency grant

(b) Methodology:

(If a research programme, please also indicate sample, research questions/hypotheses and tools)

The scheme is operated at two levels. The first level examination is conducted by the State/UT on the basis of which they recommend a fixed number of candidates (proportional to students' population at secondary level) to NCERT. The quota is revised every third year. The second level examination is conducted by the NCERT invariably on second Sunday of May every year in each State/UT. The examination consists of a Mental Ability Test (MAT) and Scholastic Aptitude Test (SAT) of 100 marks each

Final merit list is prepared on the basis of composite scores awarded on MAT, SAT and interview. 1000 scholarships would be awarded to the successful candidates, of them, 775 would be in the general category, 150 in SC and 75 in SI category.

(c) Proposed Supporting Staff/(JPF/CA), if any.

<u>Designation</u>		<u>Total No. of Months</u>	
JPF (s)		N.A.	
CA (s)		N.A.	
9	Collaborating Agencies (if any):	Name of Agency	Nature of Collaboration
	NCERT Constituents	DES&DP	Data entry and processing and declaration of results
	Outside Agency	States/UTs	First stage screening

10. Phasing of the Programme with precise information on Activities (including in-house activities involving expenditure or otherwise clearly indicating the methodology to be followed)

S. No.	Activities proposed to be organized	Proposed dates From To	Estimated Expenditure (in Rupees)
1.	Conduct of Examination	May 12, 2002	16,50,000/-
2.	Conduct of Interviews and Declaration of Result	July-Sept 2002	
3	Three day meet of the experts to finalize three set of papers out of the item pool	Nov 2002	1,64,500/-
4	Disbursement of Scholarship	Throughout the year	2,65,00,000/-
Total.			2,83,14,500/-

Amount required in the proposed year Rupees Two crore eighty three lakhs fourteen thousand and five hundred only

11. Details of the each Budget Activity under Item No. 10 (in the following format)

11.1 Activity No 10.1 and 10.2
 Title · Conduct of Examination, Interview and Declaration of Results
 Proposed Dates May 12, 2002 and July -Sept. 2002

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Conduct of examination including interviews	16,50,000/-	
	Total	16,50,000/-	

11.2 Activity No · 10.3
 Title Three day meet of the experts to finalize the test papers for NTS
 Proposed dates Nov 2002

S.No.	Item of Expenditure	Estimated Expenditure (in rupees)
1	Honorarium to 20 experts as per NTS norms (20x1,000)	20,000/-
2	TA/DA to the 10 Non-local experts (10x12,000)	1,20,000/-
3	Conveyance to 10 local experts (10x3x,500)	15,000/-
4	Expenditure on Tea, Lunch, etc for 3 days (25x3x60)	4,500/-
5.	Contingency	5,000/-
	Total	1,64,500/-

11.3 Activity No. .10.4
 Title · Disbursement of Scholarship
 Proposed Dates Throughout the year

S.No.	Item of Expenditure	Estimated Expenditure (in Rupees)	Remarks if any
1	Disbursement of Scholarship	2,65,00,000/-	
	Total	2,65,00,000/-	

Total 11.1+11.2+11.3 – Rs 2,83,14,500 (Rupees Two crores, eighty three lakhs, Fourteen thousand and five hundred only)

12. Expected end-product

Award of scholarships to 775 General Category, 150 Scheduled Castes and 75 Scheduled Tribes successful candidates.

13. (a) Plans for utilization and dissemination of the end product (s)

Results are sent to all Liaison Officers in the States/UTs, RIEs, Honorary Directors. The Awardees are paid scholarship during the period of their study that is up to Doctoral level in sciences and social sciences and up to the second degree level in professional courses such as medicine, engineering and management.

(b) Plans for Evaluation of the outcome.

Performance of Candidates is analysed every year for improvement of future tests.

(c) Plans for follow up/Feedback on utilization of the outcome.

Progress of individual awardees is monitored on annual basis for the purpose of disbursement of scholarship and contingency grant.

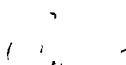
14. Personnel involved

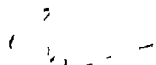
14.3 Name and designation of the Programme Coordinator

Professor Ved Prakash, Head of the Deptt.

14.4 Name (s) and designation of other faculty member (s) involved:

Dr. V.K. Jain, Professor


Signature
(Programme Coordinator)


Signature
(Head of the Deptt./Institute)

Annexure-II

1. Minutes of the Pre Departmental Advisory Board Meet of the Department of Educational Measurement and Evaluation held on 12th November, 2001 for the Academic Programmes of 2002-2003

The Pre-Departmental Advisory Board(Pre-DAB) Meet of the Department of Educational Measurement and Evaluation (DEME) was held on 12th November, 2001 at 9 30 a.m. in Room No. 9, Fourth Floor, Zakir Husain Block, NCERT, New Delhi. Dr. Ved Prakash, Professor and Head, DEME, presided over the meeting.

The following members were in attendance:

Prof. Ved Prakash	Chairman
Prof. D.N. Abrol	External member
Prof. Pritam Singh	External Member
Prof. Sarla Rajput	Member
Prof. V K Jain	Member
Dr. K P Garg	Member
Dr. B L. Pandit	Member
Dr. A D Tewari	Member
Dr. S.K. Gupta	Member

Prof. Avtar Singh could not attend the meeting.

Prof. Ved Prakash, Head, DEME welcomed the members present in the meeting. He briefly explained the roles and functions of the Department. Further, he requested individual members of faculty to present the progress of their programmes for the year 2001-2002

After that individual programme for the year 2002-2003 were taken up one by one for discussion. Programme-wise observations and suggestions are given as under:

Code No.	Title of the Project	Type of the programme	Observation and Suggestions
8 01	An Appraisal of the National Talent Search Examination-2002	Research	- Effect of interview scores on the performance of candidate may also be studied.
8 02	A Study of Evaluation Practices at Primary Stage Across the States	Research	- Specific objectives may be reframed which may include nature, scope etc. - Questionnaire may be finalised in a workshop by inviting state personnel. - Manual for administration of tools in the state may be developed along with the tools
8 03	Achievement Survey at the End of First Five Years of Schooling	Research	- Sample of the study may be specified - Research questions may be reframed - Plan for follow up/feed back may be specified
8 04	Development and Implementation of School Based Assessment System	Research	- Rewrite methodology portion & reframe research questions - Combine activity no. 3 & 4 of item No. 10 into one. - Specify plans for evaluation of the outcome (13.b)
8 05	Achievement Survey at the Elementary Stage	Research	- The title of the programme may be modified as 'Achievement Survey at the End of Upper Primary Stage' - Reframe research questions

			- Reference of the existing questionnaires/schedules may be mentioned in the methodology. - Share the findings with States/UTs through regional meetings (13 b) - Develop research based future intervention programme in the light of the finding (item 13-C)
8 06	Development of Tools for Assessing School Effectiveness	Development	Include development of guidelines for effective use of tools.
8 07	Capacity Building of State Resource Persons in Introduction of Grades in Schools (Two Prog)	Training	- No suggestion
8 08	Technical/Resource Support to Boards of School Education (Two Prog)	Training	- No suggestion
8 09	Implementation of the National Talent Search Scheme	Extension	- No suggestion

The meeting ended with a vote of thanks to the chair.